Numb. 571

The Daily Gazetteer.

MONDAY, APRIL 25. 1737. N°. 571.

To the CURIOUS.

THE Powers in Mechanicks are not so perfectly combin'd, but that there is still room left for a Person skill'd in that Science, to dispose of them more advantagiously, than they have hitherto been, in any great Work for raising Water, which is known by all to be of such infinite Use for our various Necessities, as well as Pleasures of Life, from the Palace to the Cottage, as admits of no Contradiction.

By the Extreams, either of the Scarcity or Over-abundance of *Water* in different Places, many Cities, Noble Seats, large Tracts of low Lands, inaccessible rich Mines, Coal Pits, Shipping, &c. are greatly affected, and now lie useless, to the Prejudice of the Crown, as well as Detriment of many Thousands of People in these Kingdoms; therefore, to remedy those Inconveniencies, several Methods have been invented and put in Practice at an immense Expence, which still have not altogether answer'd the desir'd Effects: But among those various Methods, the CRANK is now allow'd to be the best, and almost every where used, tho' 'tis in many Respects very defective: and considering the great Want there is all over the known World, of a better and more effectual Method than the Crank for raising it, I shall pass over the others now in use, and confine myself to make a few short Observations on this favourite, establish'd Method only; hoping at the same time, that its strong and numerous Advocates, tho' never so prejudiced in its Behalf, will not too rashly condemn me, but on the contrary, allow me Freedom to point out its real Defects, and that they will also listen to Facts; especially, since I have been at great Pains to invent for them a more simple, cheap, and much *better Engine* for that, and other Purposes, and prov'd it to excel by far, the *Crank*, which now wears the Laurel in Hydrostaticks all over Europe.

If a private Man, who, after many Years Labour and Expence, has the Happiness to succeed in his Pursuits, and who, out of Affection for his Country, strikes out and produces such self-evident Advantages to the Publick, that about 80 per Cent. shall be saved by his new Method of Working, which is perform'd in so extensive and beneficial a Manner, that Water shall be rais'd to such great Heights, and from such Depths, as has never been effected before; I say, if such Benefits are apparently to be received from his new Invention, ought any former Attempts of the like Nature, tho' made by the ablest Mathematicians, if they have prov'd fruitless, to deter Persons who now stand in need of it, from pursuing their own future Interest, by immediately putting in Practice this long wish'd-for Reformation in Water-Works?

The Imperfection of the CRANK, *and the Excellency of the New* ENGINE.

A Crank does not rise quite one third of its Circle, neither do the Regulators or Rods rise or fall perpendicular, but obliquely, by which an oval Figure is made by the Piston's Motion in every Cylinder, which occasions great Friction and a Loss of Water, and every Arm of it is continually varying of its Power whilst working, as its Lever is distant from the perpendicular Line, and two of the Arms (supposing it a quadruple one) as they cross the Perpendicular, are always drawing to, and from their Main Centre, by which the Power is not only lost, at the Time also; and farther yet, by the Shortness of the Strokes, all the adjacent Water is frequently contrarily moved, and by the often opening and shutting of the Valves, there is also a great Waste of the Water, besides the many heavy Bearings, Frictions, Forges, and Repairs belonging to it; all which Inconveniencies and Impediments being thoroughly considered, there must certainly be required a much greater Power to work the same than by my Method. For, hereby, a Stroke of 24 Feet will rise, and by enlarging or diminishing the fix'd Wallower, you obtain a Stroke of any required Height, even to the Extent of the Atmosphere's Pressure. By this great Advantage, the Water rises freer, and with greater Velocity; and as the Lifters or Forcers rise and fall exactly perpendicular, and with an equal continued Strain, and as the Bearings also are fewer and lighter, consequently the Friction in all these will be a great deal less than with the Crank, &c. And, Lastly, Seven Eights of that Water, which is always lost by the slow opening and shutting of the Valves will be saved.

From the above Considerations, and by the many Experiments I have made on this Occasion, in Order to know the real Difference between these different Ways of Working, I find, that near twice the Quantity of Water will be raised to the same Height, in the same Time, with the same Power, by my Method, more than with the best Crank-work that has ever yet been erected.

To demonstrate what I say, I have made working Models, which having been found to be built upon true Principles, were therefore honour'd with a Place in the Philosophical Transactions, N° 434; and the said Models may now be seen and examin'd by Connoisseurs, at my Chocolate Warehouses at Mr. John Young's, on the North Side of St. Paul's Church-yard, London, and in Bristol: At both which Places may be had Prints of the Engine, with its Explanation; and where likewise is sold the CHOCOLATE made without FIRE, by the WATER-ENGINE I contriv'd for that Purpose, and which brings it to that Fineness and Perfection, that I submit it to the Scrutiny of all Impartial Judges, who are pleas'd to promote its Sale, as well as of all Encouragers of useful Inventions.

WALTER CHURCHMAN, *of* Bristol.

Last Saturday arrived a Mail from Holland.

THEY write from Petersburgh, That the Army under the Count de Munich, was to assemble on the 12th Instant at Czariozenka, which is to be the Place of the General Rendezvous.

The Countess d'Ostein, Wife to the Emperor's Plenipotentiary, dy'd there on the 29th of March, O. S. after a long Illness.

The Russian Court does not seem pleas'd with the Porte's Nomination of Zorokka in Moldavia, for the Place of Congress; but wishes that some Place had been pitch'd on, nearer to the Frontiers of Russia.

The Colonel de Bernelau is return'd from Petersburgh to Vienna, with the Draught of a Convention propos'd by the Russian Court to the Emperor, whereby his Imperial Majesty and the Czarina engage in such a Union against the Turks, that no Step shall be taken on either Side, whether in the Negociations for a Peace, or during the War, without the Concurrence of both Powers; and that every Thing done without the Knowledge of one or other of the two Contracting Parties, shall be deemed as void.

Letters from Vienna say, That upon some fresh Instances made to the Grand Vizier, by the Emperor's Minister at his Camp, for obtaining a Positive Answer to the last Proposals of Peace between Russia and the Porte, the Vizier made him Answer, That he daily expected the Grand Seignior's final Resolution upon that Head: But he added withal, *What if his Highness should refuse such disadvantageous Terms as those which are propos'd to him, and chuse to leave every Thing to the Fortune of War*; What Risque *would be run? Could he be treated more harshly, even though he had suffered the most unfortunate of Campaigns, or lost several Battles?*

There are private Letters at Vienna, from Constantinople, which say, That when the Populace were inform'd of the Terms of Peace propos'd to the Porte, they thought them so hard, and were so much enrag'd against them, that there was Danger of an Insurrection; that as the Grand Seignior was returning one Day from Hunting, he found a prodigious Mob about the Seraglio, bawling for *War against the* Muscovites, and for *revenging the Honour of the* Mussulmen. That some Days after the Grand Seignior held another Divan, wherein it was consider'd, whether it was really consistent with the Dignity of the Porte, to accept of the Proposals made on the Part of Russia: That the Kaimakan, or Governor of Constantinople gave his Opinion, that if the Grand Seignior accepted them, he would be under a Necessity of satisfying other Demands; and that therefore it was his Opinion, they ought, at least, to venture a Battle. It being debated in the same Council, what they should do to retrieve the Finances of the Empire, the Great Treasurer represented, that it would be very difficult for him to provide for all the Expences of the ensuing Campaign, even though the Count de Bonneval's Project should be put in Execution, for laying a Poll-Tax on the People, in Proportion to their Abilities. The Mufti was of Opinion, that since the People were so hot for War, the best Way would be to drain them of all the Money that was possible, and to give them Leathern Species in the Room of it, with a Promise to reimburse them in Silver Coin, after the War is ended.

Letters from Venice say, that the Republick has at length determin'd to act in Concert with the Emperor against the Turks.

They write from Belgrade, that Sir Everard Fawkner, the British Ambassador, has been received by the Grand Vizier, in his Camp, with great Marks of Distinction and Friendship, and has, with the Emperor's Ambassador, held several Conferences with that Prime Minister, but to as little Purpose as the former; because the Grand Vizier gives them no Hopes, that the Grand Seignior will ever renounce Asoph.

They add from Vienna, that the Emperor has promoted the Count de Khevenhuller, Vice-President of the Council of War, to the Government of the Principality of Sclavonia, vacant by the Death of the late Count Guido Starembergh; and that there's great Talk of a Memorial lately presented to the Emperor, by the Cardinal de Collonitz, Archbishop of Vienna, wherein he declares his Surprize to find, upon examining the Complaints form'd by the Roman Catholicks and the Protestants in the Archdutchy of Austria, that in some Places the latter are almost as numerous as the former; and that he thinks himself oblig'd to have Recourse to his Imperial Majesty's Authority, for putting a Stop to the Increase of the Protestant Religion in his Hereditary Dominions, and particularly in that Arch-dutchy.

There being always two Field-Marshal Generals of the Armies of the Empire, one a Roman-Catholick, and the other a Protestant; and the former, vacant by the Death of the Duke of Wirtemberg, being to be fill'd up by a General of the Roman Catholick Religion, the Diet of Ratisbon has receiv'd Letters from three several Candidates, who sollicit for that Post, viz. The Prince of Hohenzollern, General of the Horse of the Empire; Duke Ferdinand of Bavaria; and the Count de la Marck, General of the Troops of the Circle of Lower Saxony. The other General Field Marshal of the Armies of the Empire, is the Prince of Anhalt Dessau, a Protestant, Generalissimo of the Troops of the King of Prussia.

They write from Spain and Portugal, That the Troops on both Sides are return'd home from the Frontiers; and that his Catholick Majesty intends to promote the Count de San-Estevan, who is Don Carlos's Steward of the Household, to the Post of his Master of the Horse, vacant by the Death of the late Duke D'Arco.

HOME PORTS.

Portsmouth, April 22. Since my last, came to Spithead his Majesty's Ship the Lyme, Capt. Fanshaw, from Plymouth. Sailed the Charming Rebecca, Dobbins, for Calais from Amsterdam. At Spithead are his Majesty's Ships the Sheerness and Lyme.

Deal, April 22. Wind S. W. The outward bound Ships sailed last Night. Came down this Morning the Asia, Fisher, for Africa and Buenos Ayres; the Clementine, Miller, for Lisbon. Just now is come into the Downs a large Dutch Ship, supposed to be an East India Ship. Several Ships and Vessels are in Sight from the Westward; but cannot give their Names this Post.

Deal, April 23. Wind S. Came down and sailed the Antelope, Morris, for Cadiz; the [illegible] for Ditto; the Stubington, Barns, for [illegible] Elizabeth, Hunter, for Cork; the Pheni[illegible]

Gibraltar. Remains the Dutch Ship for East India; the Asia, Fisher, for Buenos Ayres; the Assiento, Bennet, for Ditto; the Clementine, Miller, for Lisbon; and the Walpole, Goodwin, for Ireland. Arrived the Sarah, Green, from New England; and the Good Intent, Pickering, from Alicant.

LONDON.

St. James's, April 20. This Day Baron Hamilton, Minister from the Duke of Holstein, had a private Audience of Leave of his Majesty; to which he was introduced by the Right Honourable the Lord Harrington, one of his Majesty's principal Secretaries of State, and conducted by Sir Clement Cottrell, Knt. Master of the Ceremonies.

He had afterwards a private Audience of Leave of her Majesty; to which he was introduced by the Right Honourable the Earl of Grantham, her Majesty's Lord Chamberlain, and conducted by the Master of the Ceremonies.

The Fortune of Lancaster, Simon Woodburn, bound from London for Lancaster, loaden with Flax, Hemp, Grocery, Haberdashery Wares, and other Merchandize, was stranded the 5th of April last on Dundalk Bar; they are in hopes of saving the Ship and great Part of the Cargo.

Several bad Sixpences go currently about Town: Therefore that the Publick may be cautious of taking them, it will not be improper to describe them. They are supposed to be King Charles's and King George the Second's Farthings, with the Britannia Side filed off, and the Head somewhat blinded, and afterwards boiled in Pin-makers Liquor, or some such Liquid.

Sittings appointed in the Court of King's Bench in Easter Term.

MIDDLESEX.		LONDON.	
Monday,	May 9	Monday,	May 2
Wednesday,	18	Monday,	16
Friday,	20	Saturday,	21
After Term.		After Term.	
Tuesday,	24	Wednesday,	25

COMMON PLEAS.

MIDDLESEX.		LONDON.	
Thursday,	April 28	Friday,	April 29
Wednesday,	May 4	Friday,	May 6
Tuesday,	10	Wednesday,	11
Friday,	13	Tuesday,	17
After Term.		After Term.	
Tuesday,	24	Wednesday,	25

Yesterday the Rev. Dr. Waterland preached before their Majesties and the Royal Family, at the Chapel Royal at St. James's, and his Grace the Duke of Portland carried the Sword of State before his Majesty to and from Chapel. Their Majesties dined in Publick in the great State Ball Room, before a Numerous Crowd of Spectators.

The Rev. Dr. Foulks preached before his Royal Highness the Duke of Cumberland, and the Princesses Mary and Louisa, at his Highness's Apartment.

On Saturday last their Royal Highnesses the Prince and Princess of Wales went to Hampton Court, and viewed the several Apartments there, afterwards dined at Kew, and returned in the Evening to St. James's.

We hear for certain, that Mr. Justice Lee is declared Lord Chief Justice of the King's Bench, in the room of the Lord Chancellor Hardwicke.

The Lords Commissioners of the Admiralty have received no Advice as yet of the Arrival of the Squadron from Lisbon; but an Account is daily expected.

A few Days since died at Colchester, in the 17th Year of his Age, the Hon. George Paget, Esq; younger Son of the Right Hon. the Lord Paget; and on Friday last he was interred at Drayton in Middlesex.

On Saturday last one Williams was committed to Newgate, for robbing a Gentleman on Thursday last in Stepney Fields of a Silver Watch.

The Right Hon. the Lady Harvey, who has been very ill for some Time, is now in a fair Way of Recovery, and this Week will set out for the Bath.

Last Saturday being St. George's Day, the Tutelar Saint of England, the same was observed as a Collar Day at St. James's.

Her Grace the Dutchess of Kendal, who has been very ill for some Time, is now in a fair way of Recovery.

Next Week his Excellency Edward Trelawney, Esq; will set out for Portsmouth, in order to embark on board one of his Majesty's Ships of War for his Government of Jamaica.

Last Friday Morning Richard Lindsey, Esq; the South Sea Company's Factor, set out for Dover, in order to embark on board the Assiento, Capt Bennet, bound to Buenos Ayres, in the Service of the said Company.

We hear that the Right Hon. the Earl of Berkeley is appointed Colonel of a Company in the Second Regiment of Foot Guards, in the room of the Earl of Berkeley, deceased.

Her Grace the Dutchess of Northumberland is very dangerously ill at her House in Holles-street, Cavindish-Square.

This Day a Match is to be run at Newmarket between a Colt belonging to his Grace the Duke of Devonshire, and a Colt belonging to the Right Hon. the Lord Viscount Lonsdale, to carry 10 Stone, and run 4 Miles for 2600 Guineas, which is the greatest Match that has been run for several Years.

Last Thursday three Horses started at Newmarket for the King's Plate of 100 Guineas, for 6 Year old Horses, which was won by the Duke of Devonsheir's Plastow.

On Friday 8 Mares started for the King's Plate of 100 Guineas, coming 6 Years old, which was won by a Bay Mare belonging to the Hon. Mr. Vane.

On Saturday 10 started for the great Stakes of 1000 Guineas, which was won by a Horse belonging to the Right. Hon. the Earl of Godolphin.

Saturday at Hicks's Hall came on the Trial of the two Footmen, who were taken up for a Riot at Drury Lane Play-house; and after a long Hearing, the Jury brought them in Guilty, and they were sentenced to pay a Fine of a Shilling, and be committed to the House of Correction to hard Labour for six Months.

The Lady Mary Saunders, Sister to the Right Hon. the Lady Monson, lies at the Point of Death at her House in Grosvenor's Square, being given over by her Physicians.

On Saturday last the Sessions ended at the Old Baily, when 16 Prisoners were tried, one whereof was Capitally Convicted, viz. James Kelley, for the Murder of Robert Livermore in Newfoundland. 8 were cast for Transportation, and 7 Acquitted.

The 7 in our former, mentioned to have been Capitally Convicted, with Kelley, received Sentence of Death. Mary Browne and Dorothy Felton pleaded their Bellies, and a Jury of Matrons being Impanneled, Browne was found quick with Child, and Felton not. One was burnt in the Hand.

The Sentence on Anne Mudd for the Murder of her Husband was, That she should be drawn on a Hurdle to the Place of Execution, and there be burnt.

Bank Stock 144 1-half. India 180 1-half. South Sea 101. Old Annuity 110 1-4th. New ditto 109 1-4th. Three per Cent. 104 1-half to 3-4ths. Emperor's Loan 116. Royal Assurance 108 to 1-half. London Assurance 14 3-8ths to 1-half. York Buildings 2. African 14. India Bonds New 6 l. 4 s. Prem. Old ditto 6 l. 1 s. Prem. South Sea ditto 3 l. 5 s. to 4 s. Prem. Bank Circulation 2 l. 6 s. to 5 s. Prem. Salt Tallies 1 1-half to 3 1-half Prem. English Copper 2 l. 12 s. to 15 s. Welch ditto, no Price. Three 1-half per Cent. Exchequer Orders 6 1-half per Cent. Prem. Three per Cent. ditto 2 per Cent. Prem. Million Bank 120.

This Day is Published,

A REVIEW of the Doctrine of the EUCHARIST, as laid down in Scripture and Antiquity. By Daniel Waterland, D. D. Chaplain in Ordinary to His Majesty. Cambridge Printed for Corn. Crownfield, Printer to the University, and W. Innys and R. Manby, at the West End of St. Paul's, London.

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All written by the same Author.

WHereas it is advertised of a Stage-Coach to come from London to Lynn, in Opposition to us William Allen and Thomas Tayler's Stage-Coach; this is to inform all Persons, that William Allen and Thomas Tayler's Stage Coach, will set out every Thursday from the Duke's Head in Lynn, and from the Green Dragon or Bull in Bishopsgate-street, London, to Lynn, Stoke, Swaffham, and Brandon, at Ten Shillings each Passenger. This Stage did begin to go in two Days to and from Lynn, on Thursday the 14th Day of April, 1737. And to make the Passage quick, it will be perform'd with four Sets of Horses between Bury and London, the Essex Road.

This Day is Published,
Dedicated to His Royal Highness the PRINCE,

ALZIRA. A TRAGEDY,

As it is Acted,

At the Theatre-Royal in Lincoln's-Inn-Fields.

Printed for J. OSBORN, at the Golden Ball in Pater-noster-Row.

Bow Church-yard, Nov. 3, 1736

MR. THOMAS COBB, Printer and Engraver, who married the Widow of the late Mr. JOHN CLUER, at the Maiden-head, the lower End of Bow Church-yard, in Cheapside, London having assigned and sold the said Printing-house and Business to his Brother-in-law WILLIAM DICEY

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